

W. Yager-Wesley

CRF Errors Corrected by the STIC Systems Branch

1812

Serial Number: 08/943,776

CRF Processing Date:

1/5/98

Edited by:

Verified by:

(STIC staff)

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
- Deleted extra, invalid, headings used by an applicant, specifically:
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____
- Inserted mandatory headings, specifically:
- Corrected an obvious error in the response, specifically:
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Seq 2
- Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**DATE: 01/06/98
TIME: 10:40:55**INPUT SET: S22359.raw**

This Raw Listing contains the General
Information Section and up to the first 5 pages.

1 **SEQUENCE LISTING**
23 **(1) General Information:**4
5 (i) APPLICANT: Degli-Esposti, Mariapia
6 Goodwin, Raymond7
8 (ii) TITLE OF INVENTION: Novel Receptor That Causes Cell Death9
10 (iii) NUMBER OF SEQUENCES: 611
12 (iv) CORRESPONDENCE ADDRESS:13 (A) ADDRESSEE: Immunex
14 (B) STREET: 51 University Street
15 (C) CITY: Seattle
16 (D) STATE: WA
17 (E) COUNTRY: USA
18 (F) ZIP: 9810119
20 (v) COMPUTER READABLE FORM:21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: Apple Power Macintosh
23 (C) OPERATING SYSTEM: Apple Operating System 7.5.3
24 (D) SOFTWARE: Microsoft Word for Power Macintosh 6.0.125
26 (vi) CURRENT APPLICATION DATA:27 (A) APPLICATION NUMBER:
28 (B) FILING DATE: 03 OCTOBER 1997
29 (C) CLASSIFICATION:30
31 (vii) PRIOR APPLICATION DATA:32 (A) APPLICATION NUMBER: USSN 60/044,456
33 (B) FILING DATE: 04 OCTOBER 1996
34 (C) CLASSIFICATION:35
36 (viii) ATTORNEY/AGENT INFORMATION:37 (A) NAME: Perkins, Patricia Anne
38 (B) REGISTRATION NUMBER: 34,693
39 (C) REFERENCE/DOCKET NUMBER: 2849-A40
41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: 2065870430

43
44 (2) INFORMATION FOR SEQ ID NO:1:45
46**ENTERED**

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**

DATE: 01/06/98
TIME: 10:41:01

INPUT SET: S22359.raw

47 (i) SEQUENCE CHARACTERISTICS:
 48 (A) LENGTH: 1847 base pairs
 49 (B) TYPE: nucleic acid
 50 (C) STRANDEDNESS: single
 51 (D) TOPOLOGY: Not Relevant
 52
 53 (ii) MOLECULE TYPE: cDNA
 54
 55 (iii) HYPOTHETICAL: NO
 56
 57 (iv) ANTI-SENSE: NO
 58
 59 (vii) IMMEDIATE SOURCE:
 60 (B) CLONE: AIR
 61
 62 (ix) FEATURE:
 63 (A) NAME/KEY: CDS
 64 (B) LOCATION: 236..1489
 65
 66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
 67 CTTTCAGCC ATACCCGGAT GGTTCTGTCC TCGCTGGCCG TGATCACGCC GTCCTCCTTG 60
 68
 69 GGGATGAGCA GCGCGGCCGT GACGGCGTCC TGGTGCCCCCT CGATCTTGCT CAGCAGCACC 120
 70
 71 GGGCGGCTGC TCTGCGGCCT GGAGTGGATT TCGGCCGCCA TGTTCGCGCG GCGACTGCTG 180
 72
 73 CGGCCTCCTC GGCAGGCAGC CCATCAGCTG ACGCCTGGC GCCCGTCGGA GGGCT ATG 238
 74 Met
 75 1
 76
 77 GAG CAG CGG CCG CGG GGC TGC GCG GCG GTG GCG GCG GCG CTC CTC CTG 286
 78 Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Ala Leu Leu Leu
 79 5 10 15
 80
 81 GTG CTG CTG GGG GCC CGG GCC CAG GGC ACT CGT AGC CCC AGG TGT 334
 82 Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg Cys
 83 20 25 30
 84
 85 GAC TGT GCC GGT GAC TTC CAC AAG AAG ATT GGT CTG TTT TGT TGC AGA 382
 86 Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys Arg
 87 35 40 45
 88
 89 GGC TGC CCA GCG GGG CAC TAC CTG AAG GCC CCT TGC ACG GAG CCC TGC 430
 90 Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro Cys
 91 50 55 60 65
 92
 93 GGC AAC TCC ACC TGC CTT GTG TGT CCC CAA GAC ACC TTC TTG GCC TGG 478
 94 Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala Trp
 95 70 75 , 80
 96
 97 GAG AAC CAC CAT AAT TCT GAA TGT GCC CGC TGC CAG GCC TGT GAT GAG 526
 98 Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp Glu
 99 85 90 95

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**

DATE: 01/06/98
TIME: 10:41:06

INPUT SET: S22359.raw

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**

DATE: 01/06/98
TIME: 10:41:11

INPUT SET: S22359.raw

153	AGA GCT CTT GGC CCC GCT GCG CCC ACA CTC TCG CCA GAG TCC CCA	1198		
154	Arg Ala Leu Gly Pro Ala Ala Ala Pro Thr Leu Ser Pro Glu Ser Pro			
155	310	315	320	
156				
157	GCC GGC TCG CCA GCC ATG ATG CTG CAG CCG GGC CCG CAG CTC TAC GAC	1246		
158	Ala Gly Ser Pro Ala Met Met Leu Gln Pro Gly Pro Gln Leu Tyr Asp			
159	325	330	335	
160				
161	GTG ATG GAC GCG GTC CCA GCG CGG CGC TGG AAG GAG TTC GTG CGC ACG	1294		
162	Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg Thr			
163	340	345	350	
164				
165	CTG GGG CTG CGC GAG GCA GAG ATC GAA GCC GTG GAG GTG GAG ATC GGC	1342		
166	Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile Gly			
167	355	360	365	
168				
169	CGC TTC CGA GAC CAG CAG TAC GAG ATG CTC AAG CGC TGG CGC CAG CAG	1390		
170	Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln Gln			
171	370	375	380	385
172				
173	CAG CCC GCG GGC CTC GGA GCC GTT TAC GCG GCC CTG GAG CGC ATG GGG	1438		
174	Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met Gly			
175	390	395	400	
176				
177	CTG GAC GGC TGC GTG GAA GAC TTG CGC AGC CGC CTG CAG CGC GGC CCG	1486		
178	Leu Asp Gly Cys Val Glu Asp Leu Arg Ser Arg Leu Gln Arg Gly Pro			
179	405	410	415	
180				
181	TGA CACGGCGCCC ACTTGCCACC TAGGCGCTCT GGTGGCCCTT GCAGAACGCC	1539		
182	*			
183				
184	TAAGTACGGT TACTTATGCG TGTAGACATT TTATGTCACT TATTAAGCCG CTGGCACGGC	1599		
185				
186	CCTGGCTAGC AGCACCAAGCC GGCCCCACCC CTGCTCGCCC CTATCGCTCC AGCCAAGGCG	1659		
187				
188	AAGAACGACG AACGAATGTC GAGAGGGGT GAAGACATTT CTCAAATTCT CGGCCGGAGT	1719		
189				
190	TTGGCTGAGA TCGCGGTATT AAATCTGTGA AAGAAAACAA AAAAAAAA ACCGGAATT	1779		
191				
192	GATATCAAGC TTATCGATAC CGTCGACCTC GAGGGGGGGC CCGGTACCCA ATTGCCCTA	1839		
193				
194	TAGTGAGT	1847		
195				
196				
197	(2) INFORMATION FOR SEQ ID NO:2:			
198				
199	(i) SEQUENCE CHARACTERISTICS:			
200	(A) LENGTH: 417 amino acids			
201	(B) TYPE: amino acid			
202	(D) TOPOLOGY: linear			
203				
204	(ii) MOLECULE TYPE: protein			
205				

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776DATE: 01/06/98
TIME: 10:41:16

INPUT SET: S22359.raw

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
207
208 Met Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Ala Leu Leu
209 1 5 10 15
210
211 Leu Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg
212 20 25 30
213
214 Cys Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys
215 35 40 45
216
217 Arg Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro
218 50 55 60
219
220 Cys Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala
221 65 70 75 80
222
223 Trp Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp
224 85 90 95
225
226 Glu Gln Ala Ser Gln Val Ala Leu Glu Asn Cys Ser Ala Val Ala Asp
227 100 105 110
228
229 Thr Arg Cys Gly Cys Lys Pro Gly Trp Phe Val Glu Cys Gln Val Ser
230 115 120 125
231
232 Gln Cys Val Ser Ser Ser Pro Phe Tyr Cys Gln Pro Cys Leu Asp Cys
233 130 135 140
234
235 Gly Ala Leu His Arg His Thr Arg Leu Leu Cys Ser Arg Arg Asp Thr
236 145 150 155 160
237
238 Asp Cys Gly Thr Cys Leu Pro Gly Phe Tyr Glu His Gly Asp Gly Cys
239 165 170 175
240
241 Val Ser Cys Pro Thr Ser Thr Leu Gly Ser Cys Pro Glu Arg Cys Ala
242 180 185 190
243
244 Ala Val Cys Gly Trp Arg Gln Met Phe Trp Val Gln Val Leu Leu Ala
245 195 200 205
246
247 Gly Leu Val Val Pro Leu Leu Leu Gly Ala Thr Leu Thr Tyr Thr Tyr
248 210 215 220
249
250 Arg His Cys Trp Pro His Lys Pro Leu Val Thr Ala Asp Glu Ala Gly
251 225 230 235 240
252
253 Met Glu Ala Leu Thr Pro Pro Pro Ala Thr His Leu Ser Pro Leu Asp
254 245 250 255
255
256 Ser Ala His Thr Leu Leu Ala Pro Pro Asp Ser Ser Glu Lys Ile Cys
257 260 265 270
258

INPUT SET: S22359.raw

***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

197 (2) INFORMATION FOR SEQ ID NO:2:

198

199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 417 amino acids
201 (B) TYPE: amino acid
202 (D) TOPOLOGY: linear
203204 (ii) MOLECULE TYPE: protein
205

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

207

208 Met Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Leu Leu
209 1 5 10 15

210

211 Leu Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg
212 20 25 30

213

214 Cys Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys
215 35 40 45

216

217 Arg Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro
218 50 55 60

219

220 Cys Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala
221 65 70 75 80

222

223 Trp Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp
224 85 90 95

225

226 Glu Gln Ala Ser Gln Val Ala Leu Glu Asn Cys Ser Ala Val Ala Asp
227 100 105 110

228

229 Thr Arg Cys Gly Cys Lys Pro Gly Trp Phe Val Glu Cys Gln Val Ser
230 115 120 125

231

232 Gln Cys Val Ser Ser Pro Phe Tyr Cys Gln Pro Cys Leu Asp Cys
233 130 135 140

234

235 Gly Ala Leu His Arg His Thr Arg Leu Leu Cys Ser Arg Arg Asp Thr
236 145 150 155 160

237

238 Asp Cys Gly Thr Cys Leu Pro Gly Phe Tyr Glu His Gly Asp Gly Cys
239 165 170 175

240

241 Val Ser Cys Pro Thr Ser Thr Leu Gly Ser Cys Pro Glu Arg Cys Ala
242 180 185 190

243

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**DATE: 01/06/98
TIME: 10:41:27**INPUT SET: S22359.raw**

244 Ala Val Cys Gly Trp Arg Gln Met Phe Trp Val Gln Val Leu Leu Ala
245 195 200 205
246
247 Gly Leu Val Val Pro Leu Leu Leu Gly Ala Thr Leu Thr Tyr Thr Tyr
248 210 215 220
249
250 Arg His Cys Trp Pro His Lys Pro Leu Val Thr Ala Asp Glu Ala Gly
251 225 230 235 240
252
253 Met Glu Ala Leu Thr Pro Pro Ala Thr His Leu Ser Pro Leu Asp
254 245 250 255
255
256 Ser Ala His Thr Leu Leu Ala Pro Pro Asp Ser Ser Glu Lys Ile Cys
257 260 265 270
258
259 Thr Val Gln Leu Val Gly Asn Ser Trp Thr Pro Gly Tyr Pro Glu Thr
260 275 280 285
261
262 Gln Glu Ala Leu Cys Pro Gln Val Thr Trp Ser Trp Asp Gln Leu Pro
263 290 295 300
264
265 Ser Arg Ala Leu Gly Pro Ala Ala Ala Pro Thr Leu Ser Pro Glu Ser
266 305 310 315 320
267
268 Pro Ala Gly Ser Pro Ala Met Met Leu Gln Pro Gly Pro Gln Leu Tyr
269 325 330 335
270
271 Asp Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg
272 340 345 350
273
274 Thr Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile
275 355 360 365
276
277 Gly Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln
278 370 375 380
279
280 Gln Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met
281 385 390 395 400
282
283 Gly Leu Asp Gly Cys Val Glu Asp Leu Arg Ser Arg Leu Gln Arg Gly
284 405 410 415
285
286 Pro
287
288

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION **US/08/943,776**

DATE: 01/06/98
TIME: 10:41:31

INPUT SET: S22359.raw

Line

Error

Original Text

W. Lazar

1812

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/943,776**

**DATE: 01/05/98
TIME: 14:55:49**

INPUT SET: S22359.raw

This Raw Listing contains Information Section and containing ERRORS.

**Does Not Comply
Corrected Diskette Needed**

SEQUENCE LISTING

3 (1) General Information:
4
5 (i) APPLICANT: Degli-Esposti, Mariapia
6 Goodwin, Raymond
7
8 (ii) TITLE OF INVENTION: Novel Receptor That Causes Cell Death
9
10 (iii) NUMBER OF SEQUENCES: 6
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Immunex
14 (B) STREET: 51 University Street
15 (C) CITY: Seattle
16 (D) STATE: WA
17 (E) COUNTRY: USA
18 (F) ZIP: 98101
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: Apple Power Macintosh
23 (C) OPERATING SYSTEM: Apple Operating System 7.5.3
24 (D) SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER:
28 (B) FILING DATE: 03 OCTOBER 1997
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: USSN 60/044,456
33 (B) FILING DATE: 04 OCTOBER 1996
34 (C) CLASSIFICATION:
35
36 (viii) ATTORNEY/AGENT INFORMATION:
37 (A) NAME: Perkins, Patricia Anne
38 (B) REGISTRATION NUMBER: 34,693
39 (C) REFERENCE/DOCKET NUMBER: 2849-A
40
41 (ix) TELECOMMUNICATION INFORMATION:
42 (A) TELEPHONE: 2065870430
43
44

ERRORED SEQUENCES FOLLOW:

(2) INFORMATION FOR SEQ ID NO:2:

08/943,776

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 417 amino acids
- (B) TYPE: amino acid
- (C) TOPOLOGY: linear

next page

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Glu Gln Arg Pro Arg Gly Cys Ala Ala Val Ala Ala Ala Leu Leu
 1 5 10 15

Leu Val Leu Leu Gly Ala Arg Ala Gln Gly Gly Thr Arg Ser Pro Arg
 20 25 30

Cys Asp Cys Ala Gly Asp Phe His Lys Lys Ile Gly Leu Phe Cys Cys
 35 40 45

Arg Gly Cys Pro Ala Gly His Tyr Leu Lys Ala Pro Cys Thr Glu Pro
 50 55 60

Cys Gly Asn Ser Thr Cys Leu Val Cys Pro Gln Asp Thr Phe Leu Ala
 65 70 75 80

Trp Glu Asn His His Asn Ser Glu Cys Ala Arg Cys Gln Ala Cys Asp
 85 90 95

Glu Gln Ala Ser Gln Val Ala Leu Glu Asn Cys Ser Ala Val Ala Asp
 100 105 110

Thr Arg Cys Gly Cys Lys Pro Gly Trp Phe Val Glu Cys Gln Val Ser
 115 120 125

Gln Cys Val Ser Ser Pro Phe Tyr Cys Gln Pro Cys Leu Asp Cys
 130 135 140

Gly Ala Leu His Arg His Thr Arg Leu Leu Cys Ser Arg Arg Asp Thr
 145 150 155 160

Asp Cys Gly Thr Cys Leu Pro Gly Phe Tyr Glu His Gly Asp Gly Cys
 165 170 175

Val Ser Cys Pro Thr Ser Thr Leu Gly Ser Cys Pro Glu Arg Cys Ala
 180 185 190

Ala Val Cys Gly Trp Arg Gln Met Phe Trp Val Gln Val Leu Leu Ala
 195 200 205

Gly Leu Val Val Pro Leu Leu Leu Gly Ala Thr Leu Thr Tyr Thr Tyr
 210 215 220

Arg His Cys Trp Pro His Lys Pro Leu Val Thr Ala Asp Glu Ala Gly
 225 230 235 240

Met Glu Ala Leu Thr Pro Pro Pro Ala Thr His Leu Ser Pro Leu Asp
 245 250 255

Ser Ala His Thr Leu Leu Ala Pro Pro Asp Ser Ser Glu Lys Ile Cys

08/943776

260

265

270

Thr Val Gln Leu Val Gly Asn Ser Trp Thr Pro Gly Tyr Pro Glu Thr
275 280 285

Gln Glu Ala Leu Cys Pro Gln Val Thr Trp Ser Trp Asp Gln Leu Pro
290 295 300

Ser Arg Ala Leu Gly Pro Ala Ala Ala Pro Thr Leu Ser Pro Glu Ser
305 310 315 320

Pro Ala Gly Ser Pro Ala Met Met Leu Gln Pro Gly Pro Gln Leu Tyr
325 330 335

Asp Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg
340 345 350

Thr Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile
355 360 365

Gly Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln
370 375 380

Gln Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met
385 390 395 400

Gly Leu Asp Gly Cys Val Glu Asp Leu Arg Ser Arg Leu Gln Arg Gly
405 410 415

Pro ** O' delete*